

PATENT

Customer No. 22,852

Attorney Docket No. 04329.2308



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 )  
 Atsushi MURAKOSHI et al. ) Group Art Unit: 2881  
 )  
 Application No.: 09/559,345 ) Examiner: Kiet Tuan Nguyen  
 )  
 Filed: April 27, 2000 )  
 )  
 For: ION GENERATION METHOD AND )  
 FILAMENT FOR ION GENERATION )  
 APPARATUS )

Commissioner for Patents  
 Washington, DC 20231

Sir:

**TRANSMITTAL LETTER**

Enclosed is a reply to the Office Action of November 25, 2002. The item(s) checked below are appropriate:

- ☐ Applicant(s) hereby petition(s) for a [number] month(s) extension of time to respond to the above Office Action. The fee of \$[Fee] for the Extension is enclosed.

The claims are calculated below:

	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	Additional Fee
Total	18	-	20	0	x \$ 18	\$ 0
Indep.	3	-	4	0	x \$ 84	0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+\$280	0
Subtotal						\$ 0
Reduction by 1/2 if small entity						- 0
TOTAL						\$ 0

- ☐ A fee of \$[Fee] to cover the cost of the additional claims added by this reply is enclosed.
- ☐ A fee of \$[Fee] to cover [Title of other paper(s)] is enclosed.
- ☐ A check for \$[Total Fees] to cover the above fee(s) is enclosed.

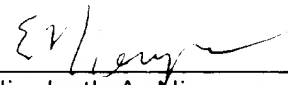
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Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Dated: February 24, 2003

By:   
Elizabeth A. Niemeyer  
Reg. No. 52,070

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18/17  
3/6/03  
D. Bell

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Sir:

**AMENDMENT**

In reply to the Office Action dated November 25, 2002 (Paper No. 17), please  
amend the application as follows:

**IN THE CLAIMS:**

Please cancel claim 23, amend claims 1, 21, and 22, and add new claims 24 and  
25 as follows:

1. (Thrice Amended) A method of generating ions, comprising:
- heating an ion source material composed of indium iodide (InI) at a temperature  
of not lower than 275 °C and not higher than 380 °C to produce an ion beam current of  
not less than 2µA effective to generate vapor of said indium iodide (InI); and  
generating indium (In) ions by discharging said vapor.

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